Statement of Work

Title: Site Transportation Fuel Truck Replacement
Rev. 3, June 10, 2003

Contract Requisition: 99365
Safety Class: GS
Quality Level: 3

1. Objective/Purpose

Purchase replacement(s) for existing 1992 Ford FT900 fuel truck. The truck and tank have exceeded their useful life and require major expenditures for maintenance and repairs, during which time the Projects may be impacted by up to 4-6 weeks of downtime.

2. Background/Introduction

Fuel trucks are required by Fluor Hanford Site Transportation to deliver fuel to various locations on the Hanford site. The current truck has outdated equipment and is in deteriorating condition.

3. Scope, Work Tasks, Description, and Requirements

This Statement of Work is for the acquisition and delivery of a fuel truck, as well as four hours of training by factory-trained personnel, described in Attachments 1 through 4.

4. Deliverables

See Attachments 1 through 4. Equipment shall be delivered to Site Transportation in the non-badged parking lot, 2355 Stevens Drive, in the 1100 Area.

5. Acceptance Criteria

(a) Equipment shall include all inspection coupons, certicards, or warranty identification cards furnished to the trade in general in accordance with extended warranty policy.
(b) Truck specifications listed in Attachment 1 shall be subject to applicable Department of Transportation (DOT) and CFR Chapter 49, Part 393 regulations.
(c) Tank specifications listed in Attachment 2 shall be subject to DOT and CFR Chapter 49, Part 178-345 and 178-346 regulations.
(d) Equipment to be received by Site Transportation, inspected by Fluor Hanford Acquisition Verification Services, and inspected and operated by Fluor Hanford Site Transportation personnel during factory certified training to demonstrate that all performance parameters are normal.
(e) See Quality Assurance criteria in Section 9.
(f) Contract completion will be documented through use of a punchlist covering 5(a) through 5(e) above.

6. Schedule

Delivery is requested FOB destination by 9/30/03. Training shall occur within five working days of equipment delivery.

7. Safety Requirements

Safety features shall be in accordance with requirements identified in Attachments 1 through 4.

8. ES&H Requirements

Special Provisions – On-Site Services SP-5B, Standard ES&H Requirements, shall apply to work performed by the factory-trained representative while conducting on site training.

9. QA Requirements

(a) Impose procurement quality clause B52 – Inspection and Test Report
(b) Impose procurement quality clause B76 – Procurement of potentially suspect or counterfeit items (see attached pages 8 and 9)
(c) Impose procurement quality clause B79 – Certificate of Conformance

10. Hold Points

(a) Contractor shall provide Buyer's Technical Representative with fifteen (15) working days notice of scheduled delivery date.
(b) Buyer's Technical Representative shall provide Fluor Hanford Acquisition Verification Services and Fleet Support Operations with fourteen (14) working days notice of scheduled delivery date to schedule receiving inspections. Prior to acceptance, equipment will also be inspected by and operated by Fluor Hanford Site Transportation personnel during factory certified training to demonstrate that all performance parameters are normal.

11. Training

Within five working days of equipment delivery, factory-trained personnel shall provide up to four hours of hands-on training on equipment operation.

12. Minimum Qualifications

The factory-trained personnel shall show proof of insurance, and factory certification and identification. The factory-trained personnel shall comply with all Occupational Safety and Health Act of 1970 (OSHA) regulations and requirements.

13. Unique Requirements

(a) Unit described in Attachments 1 through 4 will include and be covered by a three-year extended warranty.
(b) Equipment shall be delivered to Site Transportation, 2355 Stevens Drive, in the non-badged section of the 1100 Area parking lot. Training will be conducted in a designated area in the 1100 Area.

14. Administrative Aspects

The Buyer's Technical Representative for this acquisition shall be identified upon contract award. The receiving report must document the as-found condition of the equipment. A copy of the report must be provided to Fluor Hanford Site Transportation and furnished along with the invoice. Fluor Hanford Site Transportation must inventory and account for all specified equipment. Two copies of the manufacturer's operating and parts and service manuals must be included.

ATTACHMENT 1

EQUIPMENT SPECIFICATION DESCRIPTION - TRUCK

Unit shall be new (unused), current standard production model, and shall be completely prepared for customer delivery through service by a factory-franchised dealer prior to delivery. ***Specifications listed below shall be subject to applicable Department of Transportation (DOT) and CFR Chapter 49, Part 393 regulations.*** Equipment shall include all inspection coupons, certicards, or warranty identification cards furnished to the trade in general in accordance with extended warranty policy. Must be current model built for the U. S. market sold by a factory authorized distributor.

All accessories as listed herein shall be identical to those regularly supplied to the dealer by the original equipment manufacturer, and shall be of identical quality and design as those normally installed on units for sale through normal commercial channels. Units supplied shall have all the latest changes and features offered as standard whether called for in these specifications or not.

Truck: Medium Duty Conventional
GVWR: 33,000 lbs.
Engine: Diesel
Minimum 300 HP / 800 ft. lbs. Torque
Transmission: 5 or 6 speed automatic
Rear Axle: Minimum 21,000 lbs.
Front Axle: Minimum 12,000 lbs.
Suspension: Air Ride
Rear Tires: 11-22.5 Traction lugs on steel wheels
Front Tires: 11-22.5 on aluminum wheels
Intended Service: 95% Highway short delivery
5% Off-Highway mild terrain
Maximum Grade: 8%
Vehicle Speed Limit: 65 MPH
Cruise Control
Muffler: Single R/H side
Block Heater
Automatic Slack Adjusters
Power Steering
Fuel Tank – Minimum 90 gallon aluminum tank
Air Ride Cab
Air Conditioning
Standard Gauges
Interior: Gray vinyl
Interior and Exterior Sun-visors
Driver seat air ride with arm rests
Passenger seat – stationary
AM/FM Radio with clock
Auxiliary 2-way radio hookup
Heated mirrors – right hand remote
Auxiliary convex mirrors on both doors and right hand fender
Lower peep window in right hand door
Window lifts – left hand manual – right hand remote
Intermittent windshield wipers
Heated air dryer
Rear cargo light
Backup Alarm

Color: White / Frame – Black

ATTACHMENT 2
EQUIPMENT SPECIFICATIONS - ALUMINUM TANK

2800 gallon 2/compartment tank (2000 front / 800 rear)
Double bulkhead construction
Minimum 2 additional baffles
Spring loaded bolster design
Rear cabinet with 2 side doors and gas supported rear door
Rain gutters above all doors
(2) 16" x 10" Fill Betts dome covers pre-punched for optic sensor and 3" vapor vent
(2) 3" Emco-Wheaton mechanical internals with 3" piping to curbside of tank.
2/Compartments 3" split compartment manifold with (2) pump suction valves
(2) 4" Bottom loan valves with brake interlock valves.
(2) Scully optic high-level sensors with (1) socket
(2) Civacon 3" air operated vapor vents with 3" pipe to curbside thru tank & 3" kamloc with dust cap and brake interlock.
Heavy duty, double contour aluminum fenders
Fire extinguisher and triangle reflectors
D.O.T. rear bumper
(1) 6" x 12" Aluminum hose tube curbside
(1) 70" x 30" Aluminum cabinet mounted on Driver's side
Tank must meet or exceed all Federal DOT MC-406 Standards

ATTACHMENT 3
EQUIPMENT SPECIFICATION – PUMPING EQUIPMENT

Must have capability to retrieve fuel from 1or 2-inch suction side.
(2) Muncie double gear air operated power shift power take-offs
(3) Blackmer TXD 2 ½" positive displacement pumps w/tee strainers
(2) Liquid Controls M-7 meters with register presets only.
(2) Hannnay electric rewind hose reels
(2) 100' x 1" GoodYear red flexwing delivery hoses
(2) Husky #8 automatic nozzles

Complete instructions to include fuel testing, meter calibration, and air elimination test.

ATTACHMENT 4
ADDITIONAL REQUIREMENTS

Warranty and service locations for the truck and fuel tank must be within 100 and 250 miles of Richland, respectively.

Contractor shall provide four hours of training on mechanical systems.

Contractor shall ensure that all controls are readily accessible, protected from damage and clearly and properly identified as to their function.

ATTACHMENT 5
EQUIPMENT AVAILABLE FOR TRADE

Potential Trade #1:

1992 Ford FT900
193,985 Miles
Engine: Diesel, Ford, FNH 7.8 ATA 240 HP
Transmission: Allison MT653, 5 Speed
Rear Axle: Tandem, 34,000 lbs., Rockwell RT-34-845
Front Axle: Ford 12,000 lbs.
Rear Suspension: Hendrickson Spring
Tires: 11-22.5, Steel
Wheelbase: 190”
Power Steering
Air Conditioning

92 Eastern Technologies MC306
Aluminum Tank, 3,000 gallons, 2-compartment (1,500/1,500)
Bottom Load/Vapor Recovery
2-Hose Reels and Meters
Rear Cabinet

Potential Trade #2:

1994 Ford LT9000
193,091 Miles
Engine: Detroit Series 60, 11.1 L, 350 HP
Transmission: Allison HT-750, 5 Speed
Rear Axle: Tandom, 40,000 lbs., Rockwell, RT-40-145, 3.91
Axle Front: Ford, 14, 600 lbs.
Rear Suspension: Hendrickson Spring
Tires: Front 12R-22.5, Rear 11-22.5
Wheelbase: 222”
Power Steering
Air Conditioning

87 Trans Tech MC306
Aluminum Tank, 3,000 gallons, 3 compartments (1,000/1,000/1,000)
Bottom Load/Vapor Recovery
3-Hose Reels and Meters
Rear Cabinet

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Help Stamp Out Suspects/Counterfeits

Suspect Fastener Headmark List

All Grade 5 and Grade 8 fasteners of foreign origin which do not bear any manufacturers' headmarks:

 Grade 5

 Grade 8

Grade 5 fasteners with the following Manufacturers' headmarks:

Mark	Manufacturer	Mark	Manufacturer
 J	Jinn Her (TW)	 KS	Kosaka Kogyo (JP)

Grade 8 fasteners with the following Manufacturers' headmarks:

Mark	Manufacturer	Mark	Manufacturer
 A	Asahi Mgf (JP)	 KS	Kosaka Kogyo (JP)
 NF	Nippon Fasteners (JP)	 RT	Takai Ltd (JP)
 H	Hinomoto Metal (JP)	 FM	Fastener Co. of Japan (JP)
 M	Minamida Sieybo (JP)	 KY	Kyoei Mfg (JP)
 MS	Minato Kogyo (JP)	 J	Jinn Her (TW)
 Hollow Triangle	Infasco (CA, TW, JP, YU) (Greater than 1/2-inch diameter Grade 8 Hollow Triangle only)		
 E	Daiei (JP)	 UNY	Unytite (JP)

Grade 8.2 fasteners with the following headmarks:

Mark	Manufacturer
 KS	Kosaka Kogyo (JP)

Grade A325 fasteners (Bennett Denver target only) with the following headmarks:

	Mark	Manufacturer
Type 1 	A325 KS	Kosaka Kogyo (JP)
Type 2 		
Type 3 		

Key: CA-Canada, JP-Japan, TW-Taiwan, YU-Yugoslavia

Any bolt on this list should be treated as defective without further testing.

Note: This list was originally published by DOE 8/92

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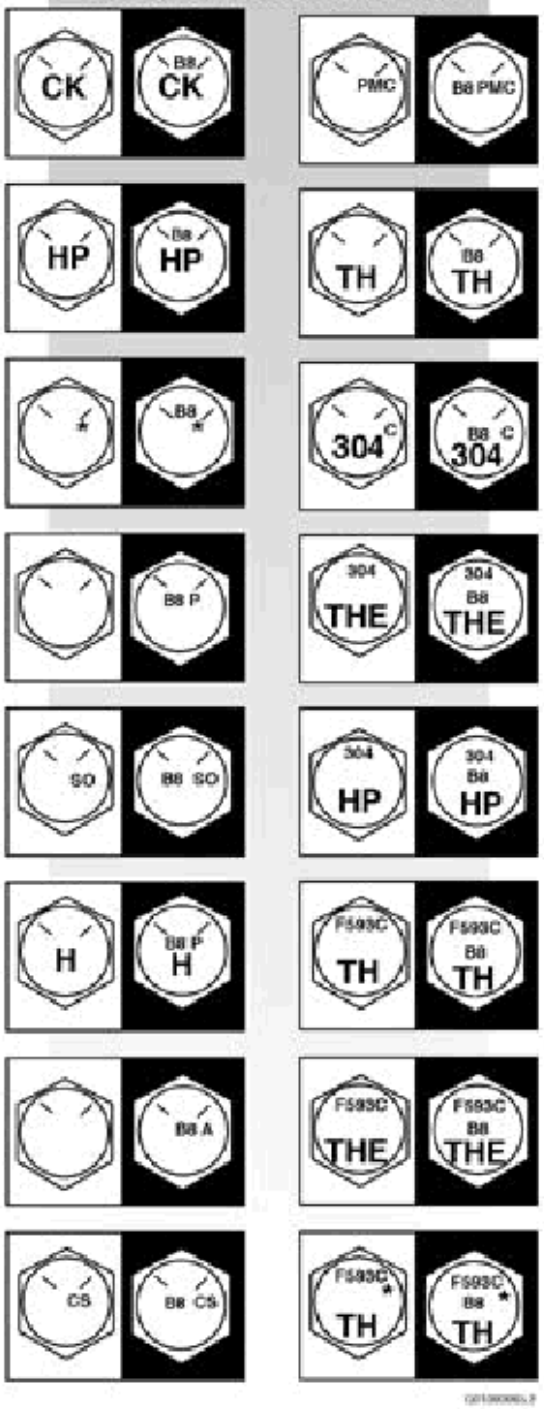
Help Stamp Out Suspects/Counterfeits

Examples of stainless steel fasteners that have been upgraded from 18-8 to ASTM A320 or ASTM A193 Grade B8 after hand stamping. The last three examples show samples of fasteners to indicate conformance to two non-compatible standards, ASTM A193 and ASTM F 593C.

Any bolt on this list should be treated as defective without further testing and process in accordance with HNF-PRO-301. Note: This list was originally Published by DOE /EH-0196, Issue No. 97-6

If any of these fasteners are located, contact your facility S/CI Point of Contact (POC) for instructions. The POC list is on the Hanford Intranet at: http://docs.rl.gov/han.info/hlansci/hlansci.doc. Scroll to the end of the document for the list.

Suspect Stainless Steel Fastener Headmark List



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